

**OSCAR P. BRUNO**  
**PUBLICATIONS**

- “Three-dimensional quasi-periodic shifted Green function throughout the spectrum—including Wood anomalies”, O. P. Bruno, S. Shipman, C. Turc and S. Venakides. Submitted to Proc. R. Soc. A; available at <https://arxiv.org/pdf/1704.01017.pdf>
- “Regularity Theory and High Order Numerical Methods for the (1d)-Fractional Laplacian”, G. Acosta, J. P. Borthagaray, O. Bruno and M. Maas, *Mathematics of Computation*. In Print.
- “Windowed Green Function Method for Nonuniform Open-Waveguide Problems”, O. P. Bruno, E. Garza and C. Pérez-Arancibia. *IEEE Transactions on Antennas and Propagation*. In Print.
- “Regularized integral formulation of mixed Dirichlet-Neumann problems”, E. Akhmetgaliyev and O. P. Bruno. *Journal of Integral Equations and applications*. In print.
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- “Rapidly convergent quasi-periodic Green functions for scattering by arrays of cylinders—including Wood anomalies”, O. P. Bruno, and A. G. Fernandez-Lado. *Proceedings of the Royal Society of London A* **473**:20160802 (2017).
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- “Windowed Green Function method for layered-media scattering”, O. P. Bruno, M. Lyon, C. Perez-Arancibia and C. Turc. *SIAM Journal on Applied Mathematics* **76**, 1871–1898, (2016).
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